OWNER'S MANUAL
Instant Power™ Jump Starter & DC Power Source

THIS PRODUCT HAS A SEALED LEAD-ACID BATTERY INSIDE THAT SHOULD BE KEPT AT FULL CHARGE FOR LONGER LIFE. RECHARGE WHEN FIRST RECEIVED (EVEN IF GREEN 'FULL POWER' LED GLOWS), AFTER EACH USE AND EVERY 3 MONTHS.

IMPORTANT SAFETY INSTRUCTIONS

Save these instructions

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Someone should be within range of your voice or close enough to come to your aid when you are working near a lead-acid battery.

Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes. If acid enters the eye area, rinse with cold water for at least 10 minutes and get medical help immediately.

Do not smoke, or use matches or cigarette lighter, or allow any spark or flame near the battery or engine.

Never operate the power source unit if it has damaged lead wire or clamps. Have the lead wire replaced by a qualified technician.

Wear complete eye and clothing protection when working with lead-acid batteries.

Do not permit the internal battery in the IP-75 to freeze. Never attempt to recharge a frozen battery.

HANDLING WARNING

WARNING: Handling the cord on this product or cords associated with this product, may expose you to lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

OPERATING INSTRUCTIONS

Warning: Failure to follow instructions may cause damage or an explosion. Read entire instruction manual before use.

1. Turn ignition OFF before making cable connections.
2. Use in a well-ventilated area.
3. Keep clear of fan blades, belts, pulleys and other parts that may cause injury.
4. NEVER allow clamps to touch together or to contact the same piece of metal to prevent sparking.
5. Clamp the red clamp (+) to the positive terminal of the battery. (For a negative grounded system.)*
6. Clamp the black clamp (-) to an unpainted and unmoving part of the chassis or engine block.
7. You can now crank the engine. If the engine does not start, within 5-8 seconds, wait at least 1 minute before attempting to start vehicle again. (This permits the battery to cool down.)
8. After the engine starts, first disconnect the black clamp (-) and then the red clamp (+) in that order. Store the clamps on the ears located on the sides of the case.
9. Recharge the IP-75 as soon as possible after use.

   ***NOTE:** In the rare case of jump-starting a vehicle that has a positive-grounded vehicle electrical system, connect the NEGATIVE black clamp (-) to the negative terminal (-) of the vehicle battery. Then connect the POSITIVE red clamp (+) to an unpainted and unmoving part of the vehicle chassis or engine block. If you are unsure of the nature of the vehicle's electrical grounding system, check the owner's manual of the vehicle. To disconnect clamps, reverse order.

LED INDICATORS

To check the internal battery's charge status, press the red button on the front of the IP-75.

The LED lights will indicate the charge level as follows:

1. A red LED indicates a 50% or less charge and you should immediately recharge the IP-75.
2. A yellow LED indicates a 50 to 75% charge. The IP-75 may be used but should be recharged as soon as possible.
3. A green LED indicates the internal battery is fully charged.

CHARGING of internal battery with built-in charger.

After removing the IP-75 from the carton, charge it for a minimum of 8 hours before using even if the green Full Power LED glows.

1. To charge, plug extension cord into charger plug on the side of the IP-75. (Extension cord not included; must be purchased separately.)
2. Plug the extension cord into a 110V AC electrical wall outlet.
3. The red LED will glow while charging.
4. The green LED will glow when the battery has reached full charge. This could take up to 72 hours on some charges due to age and condition of the battery. The charger will automatically drop into a float mode and maintain the battery at full charge without damaging the battery. The IP-75 can be left plugged into the 110V wall outlet indefinitely to maintain full power.
5. Recharge IP-75 after use and every 3 months to full charge status to extend the battery's life.

MULTI-PURPOSE POWER SUPPLY

The IP-75 is a power source for 12 volt DC accessories equipped with a 12V accessory plug. Make sure the device to be powered is OFF before inserting 12 volt accessory plug into 12 volt accessory outlet on the IP-75. Use the 12 volt accessory outlet for power outages, fishing and camping trips. Estimate usage time is listed in chart below.

12 VOLT DC POWER SOURCE CHART

Appliance Type	Estimated Wattage	Estimated Time*
Cell Phones	4 Watts	12 Hours
Fluorescent Lights	4 Watts	12 Hours
Radios	9 Watts	8 Hours
Depth Finders	9 Watts	8 Hours
Fans	9 Watts	8 Hours
Camcorders, VCRs	15 Watts	5 Hours

Electrical Tools	**24 Watts**	**3 Hours**
Electrical Coolers	**48 Watts**	**1 Hour**
Car Vacuum, Air Compressors	**80 Watts**	**.5 Hour**

When the IP-75 is used with an inverter, it can operate appliances normally powered by 110V AC. (Inverter not included; must be purchased separately.)

The DC socket has a 15 amp automatic overload protection circuit breaker. Reset the breaker by pushing the breaker button located on the back of the IP-75.

110 VOLT AC POWER SOURCE CHART

(Inverter {Not Included} is Necessary)

Appliance Type	Estimated Wattage	Estimated Time*
Spot Lights, Sump Pumps	**100 Watts**	**.5 Hour**
VCRs	**100 Watts**	**.5 Hour**
Faxes, TVs	**125 Watts**	**.4 Hour**
Small Power Tools	**125 Watts**	**.4 Hour**

***NOTE:** Estimated time is conservatively reported. Actual time may vary. Times are based on IP-75 having a full charge. Requires the use of an inverter that is not included. Designed for up to a 125 watt inverter.

STORAGE

The IP-75 can be stored in any position. The clamps are live and will produce arcing or sparking if they come in contact with each other. To prevent accidental arcing, always keep the clamps on the side ears when not using it to jump start a vehicle.

All batteries are affected by temperature. The ideal storage temperature is at 70 degrees Fahrenheit. Performance varies based on battery temperature conditions.

LIMITED WARRANTY

Schumacher Electric Corporation warrants your unit to be free from defects in material and workmanship, excepting abuse or misuse, for a period of one year from the date of sale to the original user or consumer purchaser. If your unit fails or malfunctions within the first 30 days of the warranty, we will replace it with a new unit. If your unit malfunctions or fails within the 12 month warranty period because of a defect in material or workmanship, we will repair without charge.

The internal battery, excluding units with swollen batteries or melted battery terminals, carries a 90-day warranty from the date of purchase. Proof of purchase required. All battery replacements will be at the sole discretion of the manufacturer or his designated agents.

This warranty is in lieu of all other express warranties. The duration of any implied warranty, including but not limited to any implied warranty of merchantability or fitness for a particular purpose, made in respect to your unit is limited to the period of the express warranty set forth above.

For warranty service, return your product, with proof of purchase, to the factory or a designated agent: Schumacher Electric Corporation Warranty Service Department, 1025 E. Thompson Street, PO Box 280, Hoopeston, IL 60942. Phone 1-800-621-5485, Customer Service hours: 7 AM to 4:30 PM CST.

You will be responsible for all insurance and freight or other transportation charges to the factory or point of repair. We will return your unit freight prepaid if repair is covered under warranty. Your unit should be properly packed to avoid damage in transit, since we will not be responsible for any such damage.

In no event shall Schumacher Electric Corporation be liable for consequential or incidental damages. Some states do not allow limitations on the length of the implied warranty or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

CONTAINS SEALED NON-SPILLABLE LEAD-ACID BATTERY. MUST BE DISPOSED OF PROPERLY.

WARNING: Possible explosion hazard. Contact with battery acid may cause severe burns and blindness. Keep out of reach of children.

Schumacher®
ELECTRIC CORPORATION

801 Business Center Drive, Mount Prospect, IL 60056-2179

Send Warranty Product Repairs to: Schumacher Electric Corporation
1025 East Thompson, Hoopeston, IL 60942-0280
Call Customer Service if you have questions: 1-800-621-5485 (Hours: 7 a.m. – 4:30 p.m. CST)